

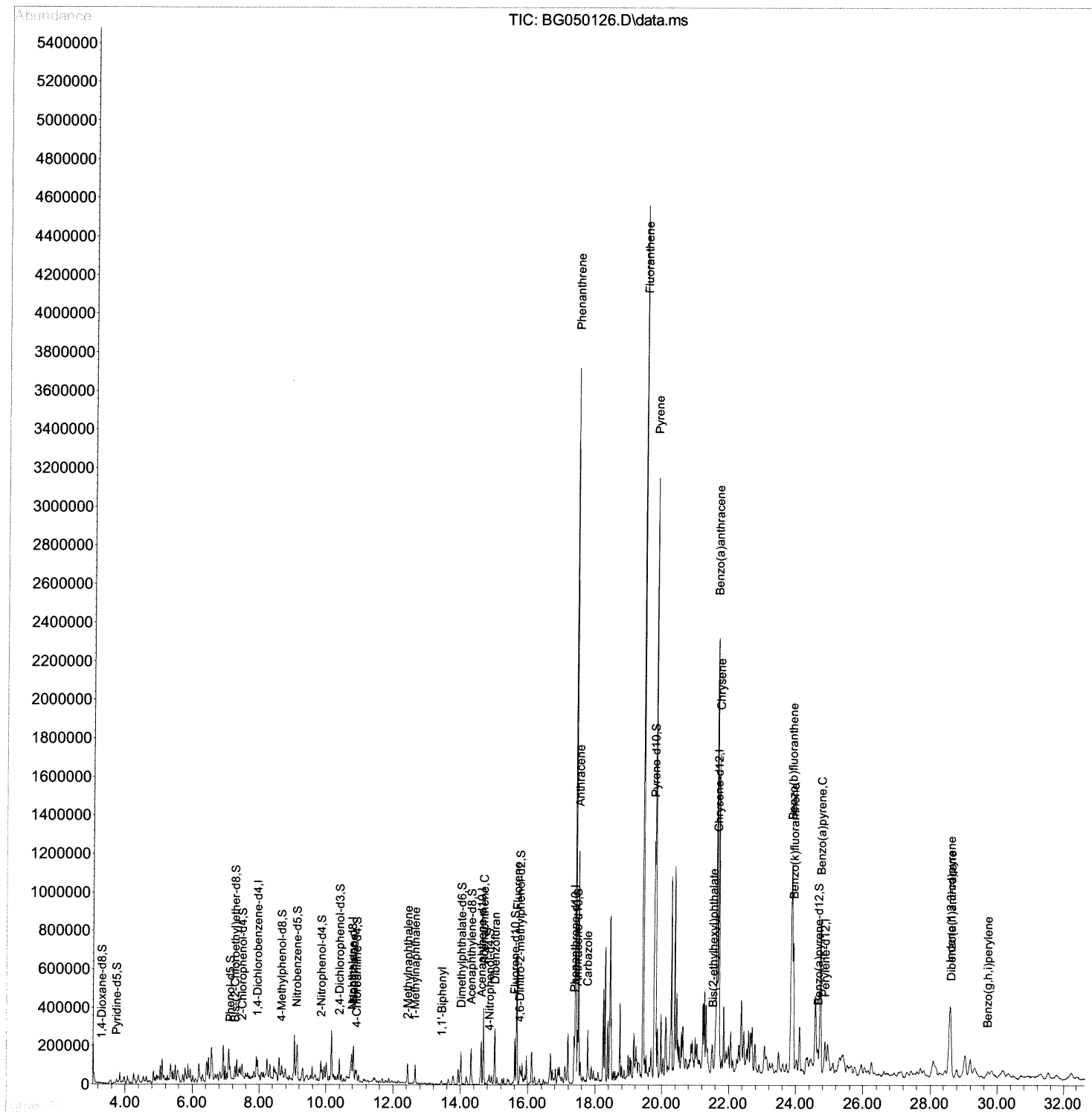
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
Acq On : 3 Sep 2021 11:28
Operator : CG/JU
Sample : M3526-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW7B9

Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:54 PM

Quant Time: Sep 03 12:02:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

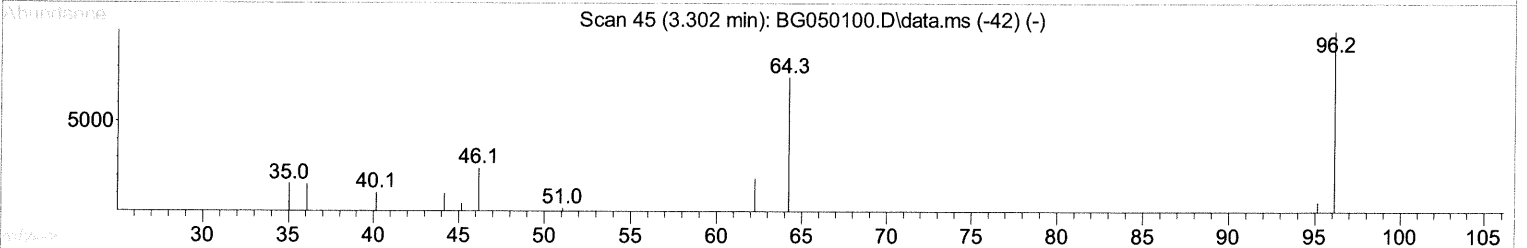
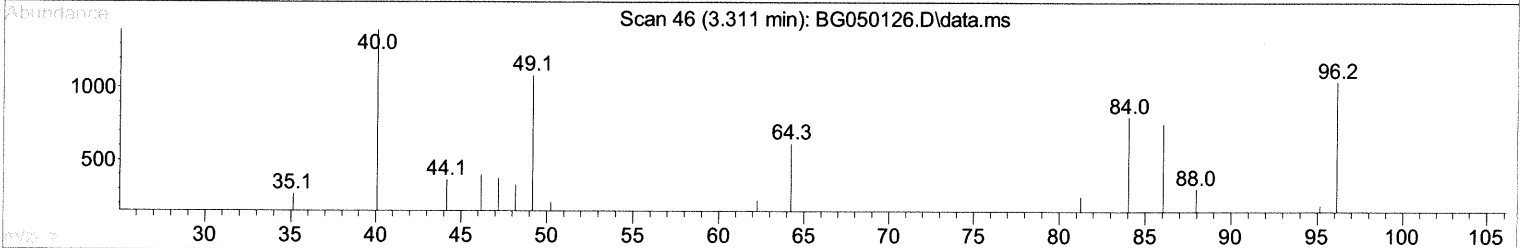
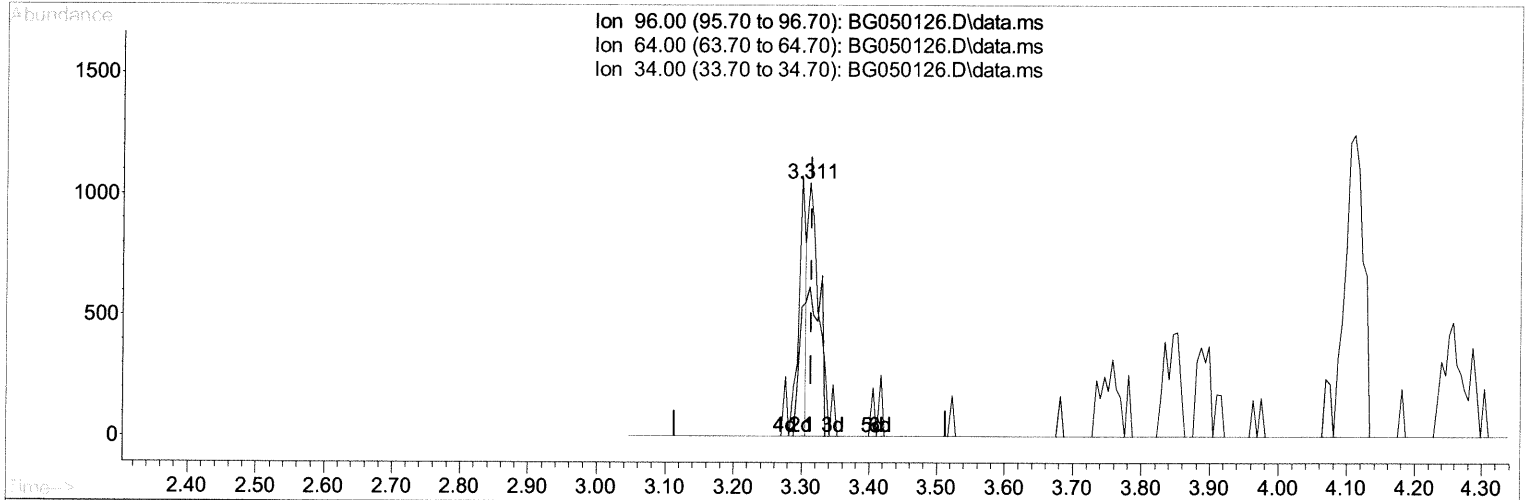
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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TIC: BG050126.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.311min (-0.003) 1.98 ng/uL

response 1111

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	59.03
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

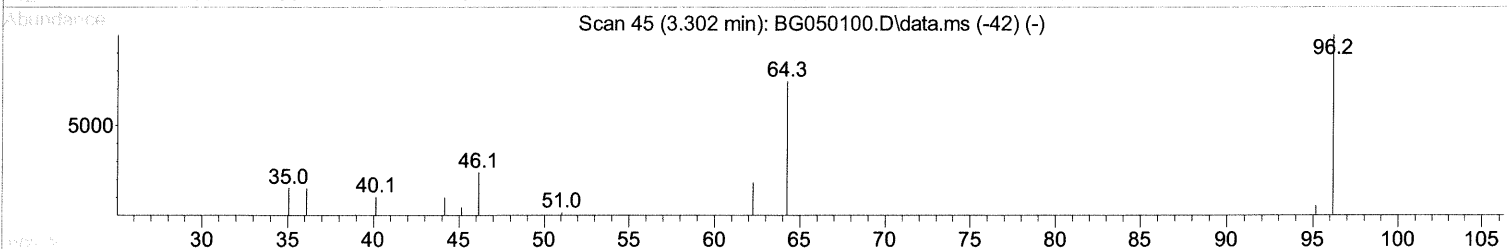
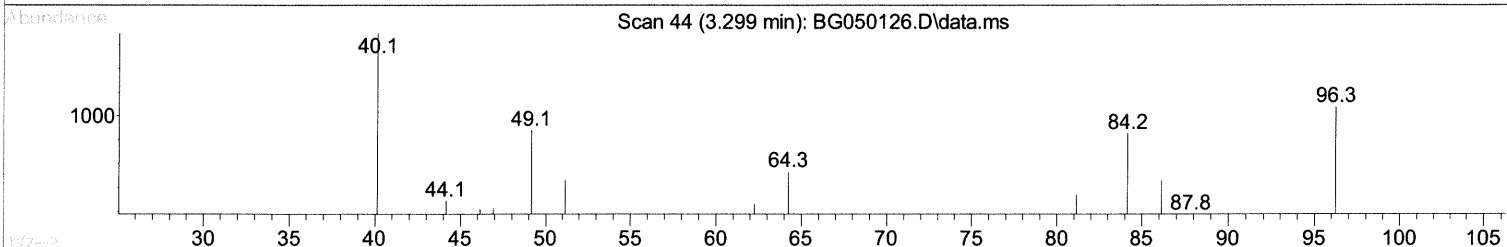
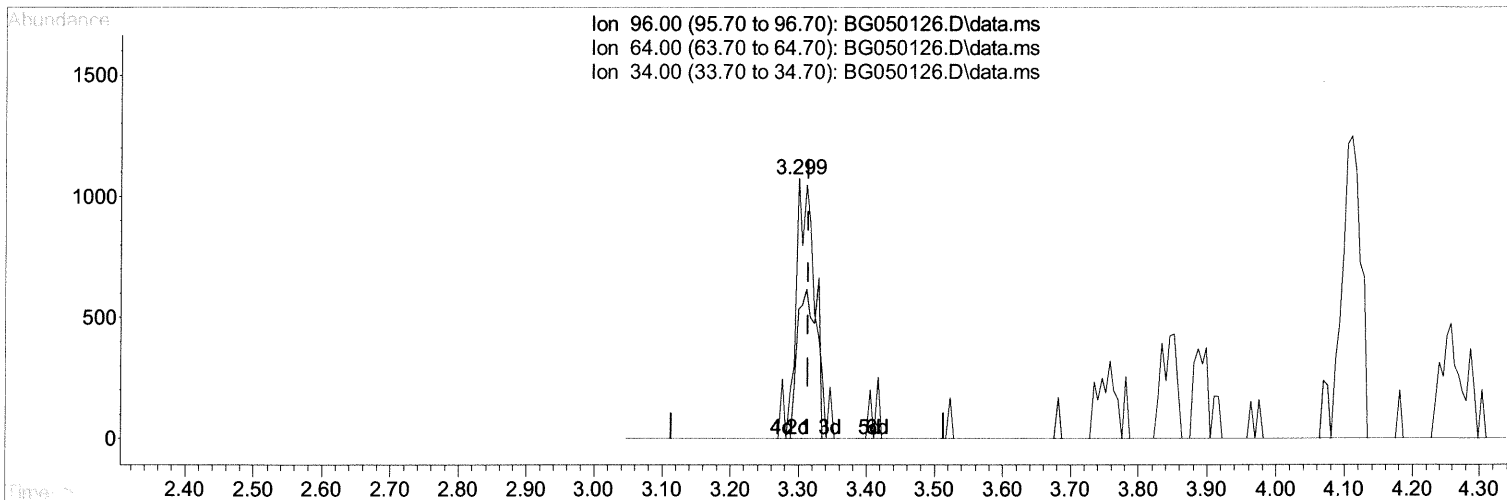
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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TIC: BG050126.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.299min (-0.014) 3.47 ng/uL m

response 1951

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	63.40	49.77#
34.00	0.00	0.00
0.00	0.00	0.00

34 9/8/21

Quantitation Report (Qedit)

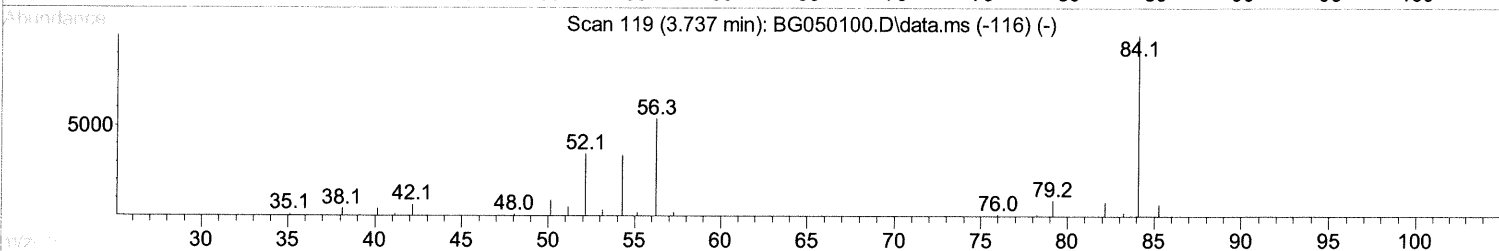
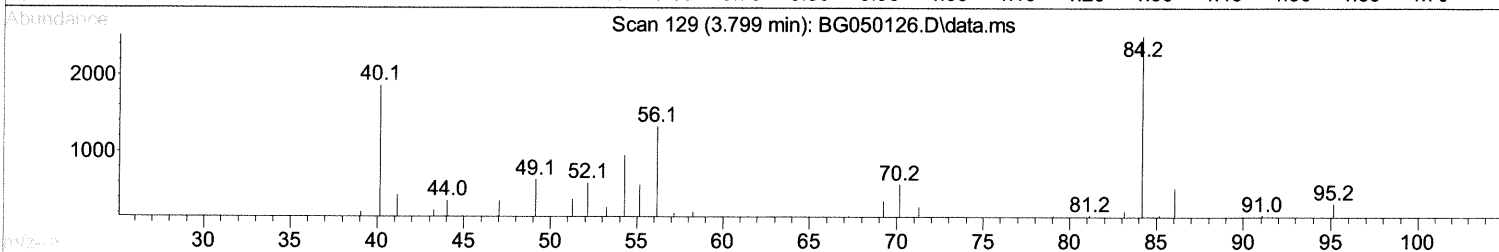
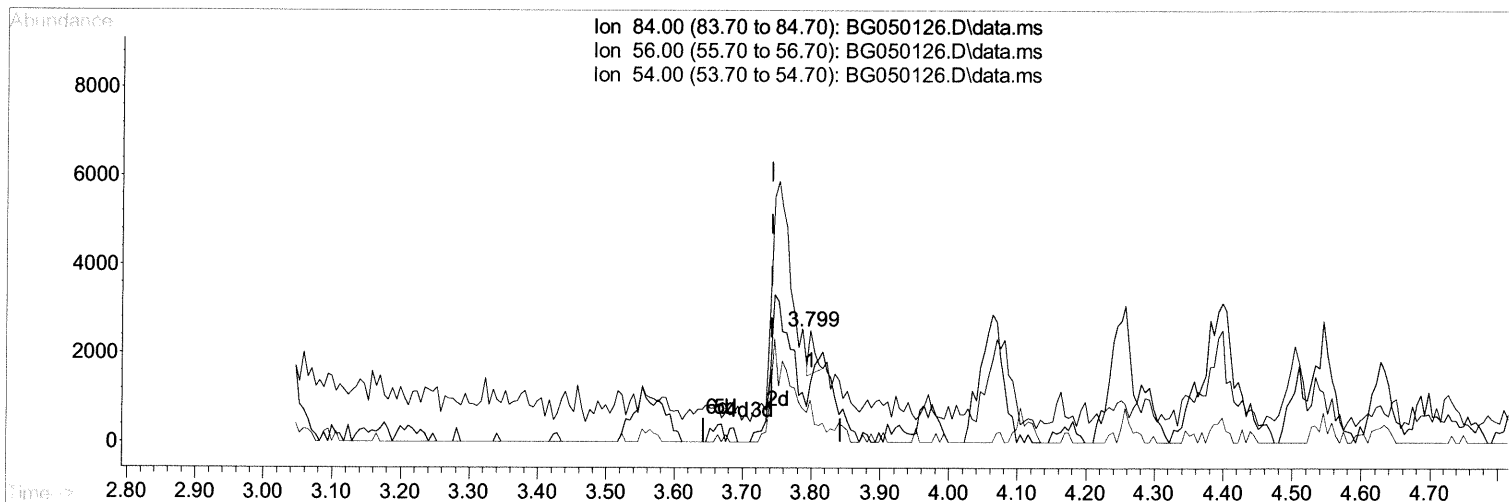
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
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TIC: BG050126.D\data.ms

(4) Pyridine-d5 (S)

3.799min (+ 0.056) 0.34 ng/ul

response 568

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	53.02
54.00	37.00	37.95
0.00	0.00	0.00

Quantitation Report (Qedit)

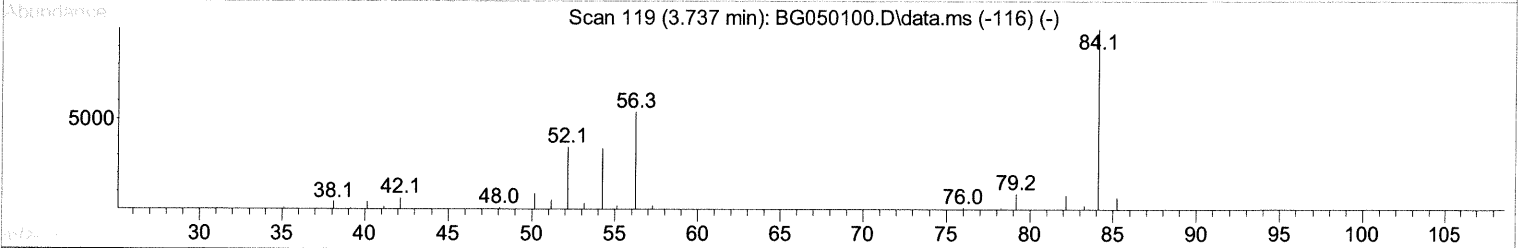
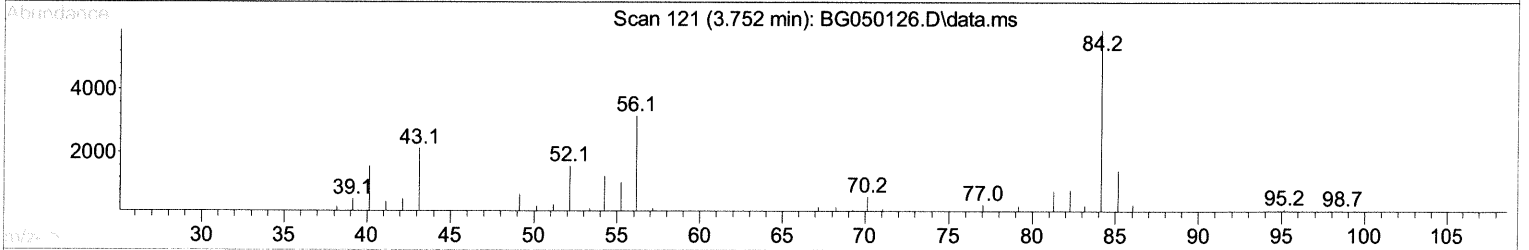
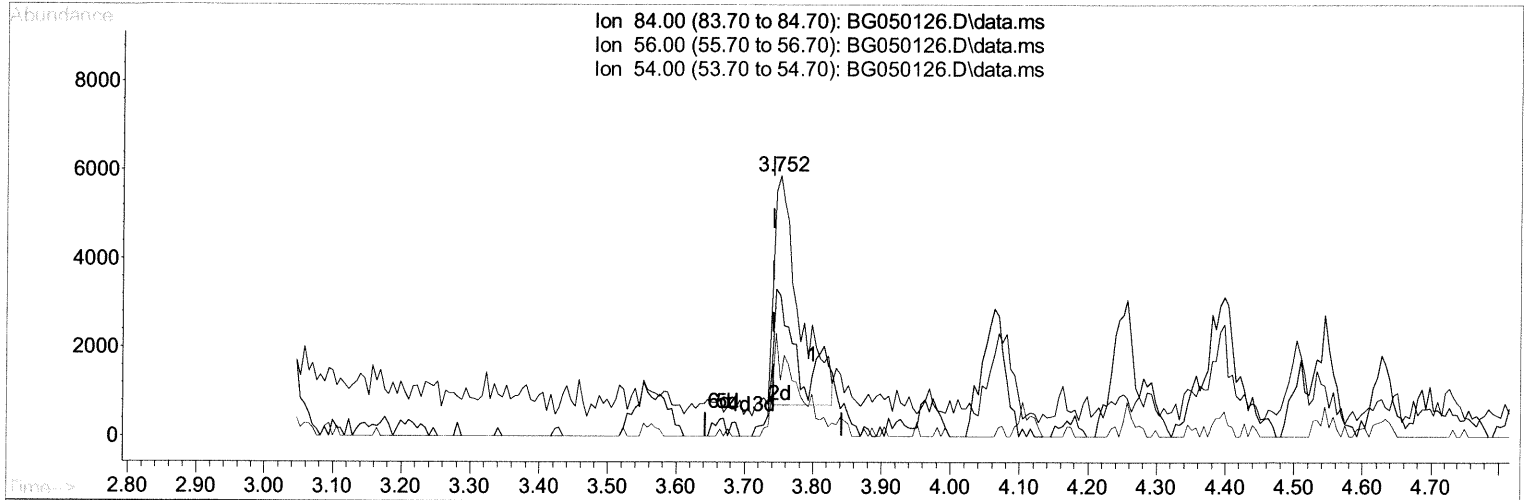
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
 Acq On : 3 Sep 2021 11:28
 Operator : CG/JU
 Sample : M3526-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG050126.D\data.ms

(4) Pyridine-d5 (S)

3.752min (+ 0.009) 7.76 ng/ul m

J4 9/8/21

response 13153

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	54.30	53.99
54.00	37.00	21.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

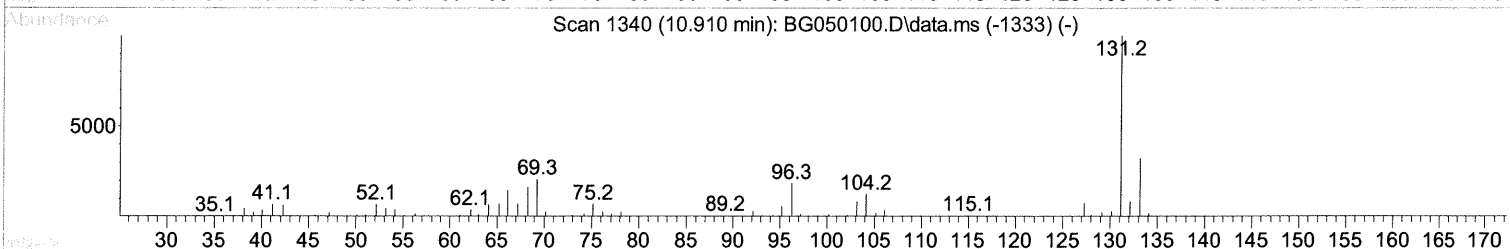
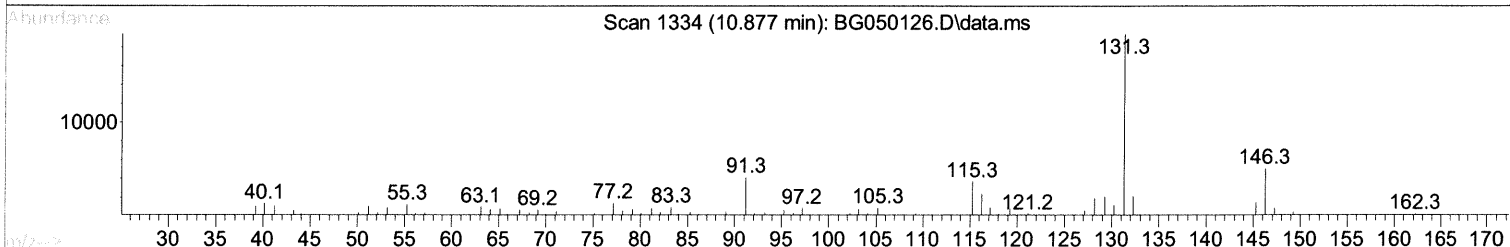
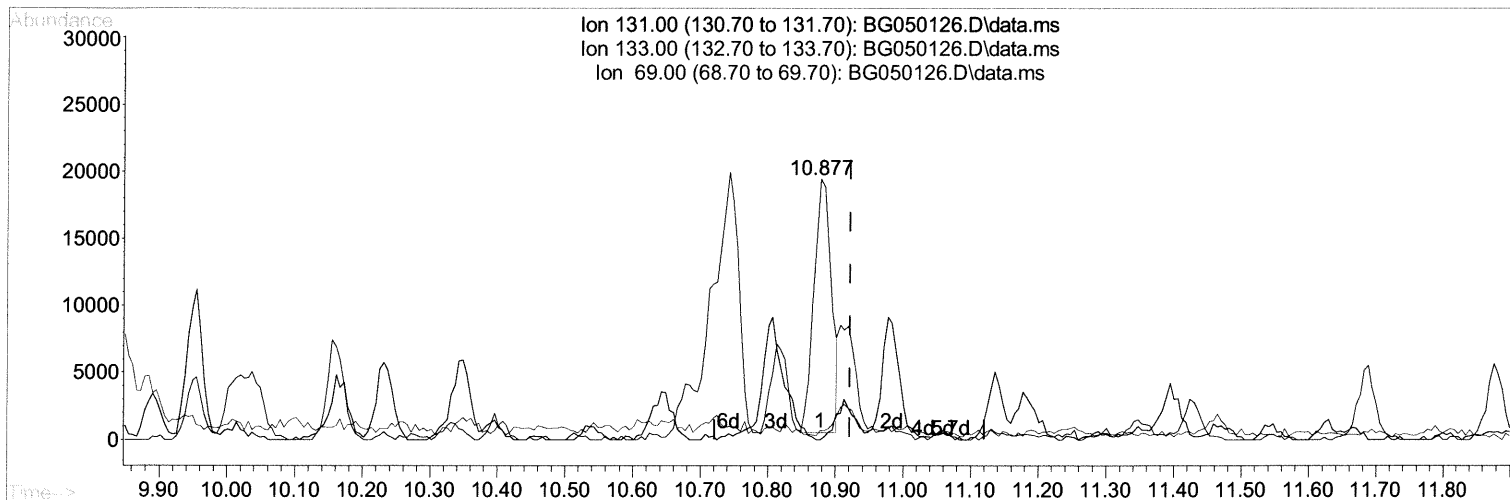
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
 Acq On : 3 Sep 2021 11:28
 Operator : CG/JU
 Sample : M3526-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
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TIC: BG050126.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.877min (-0.044) 13.39 ng/ul

response 33989

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	0.00#
69.00	21.10	3.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

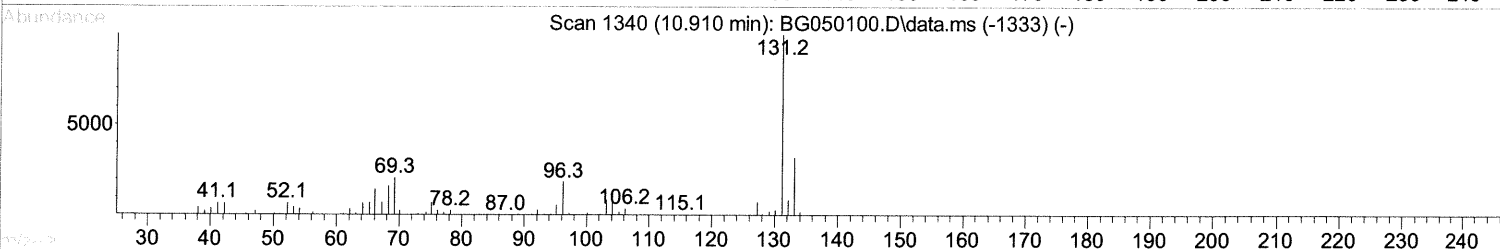
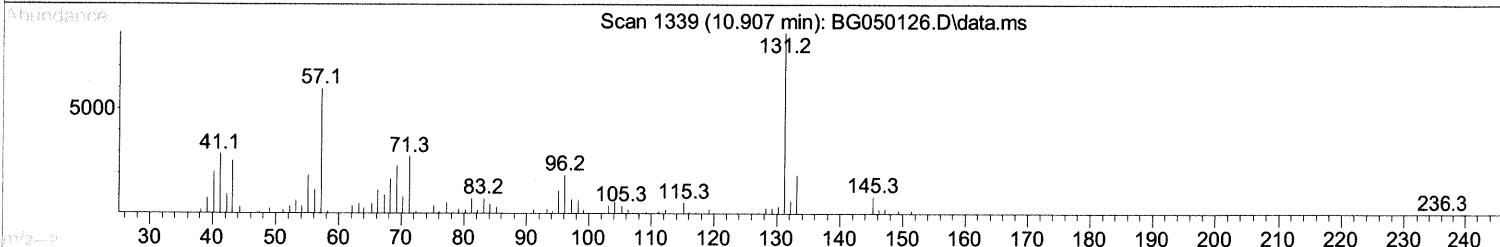
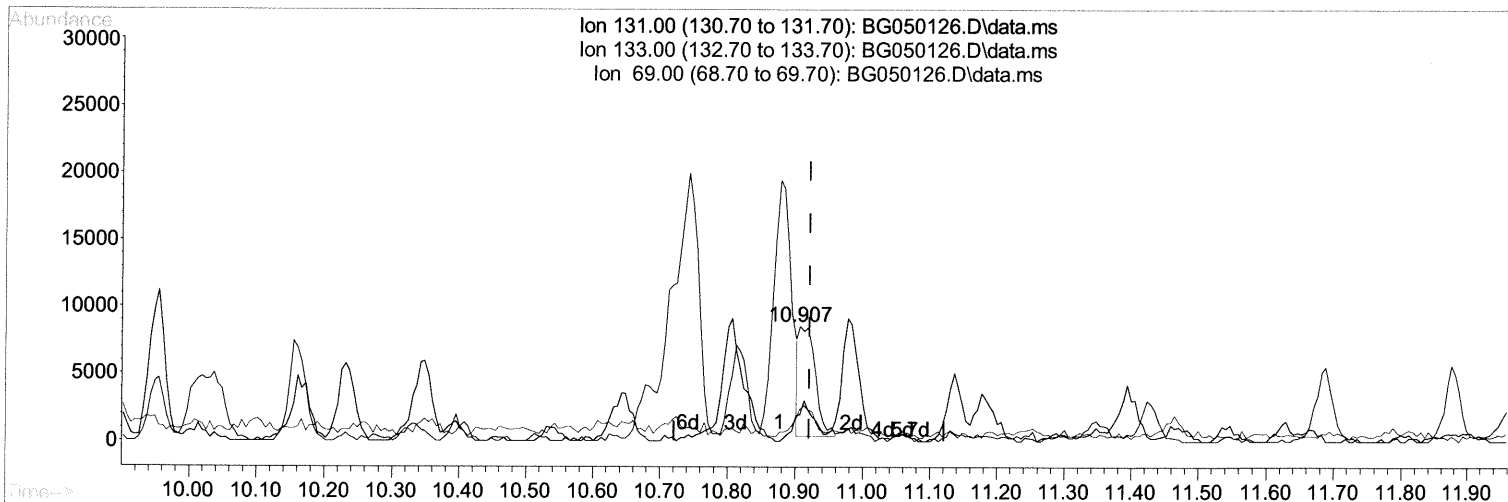
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
 Acq On : 3 Sep 2021 11:28
 Operator : CG/JU
 Sample : M3526-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BG050126.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.907min (-0.014) 5.44 ng/ul m *549(8/2)*

response 13824

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	36.60	23.01#
69.00	21.10	27.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

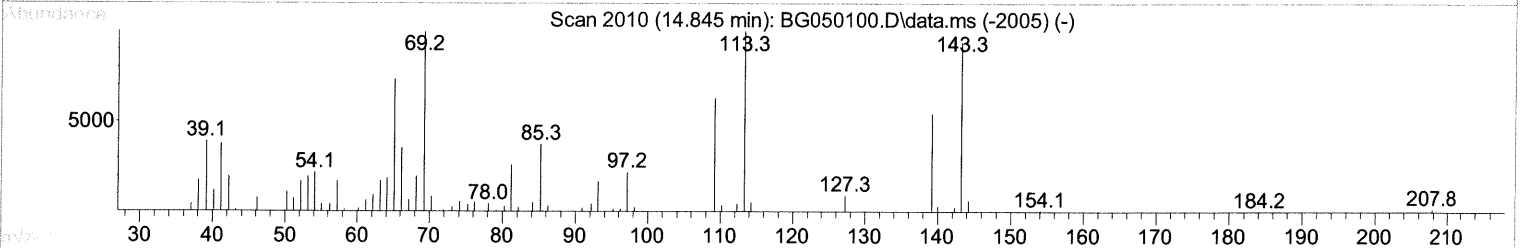
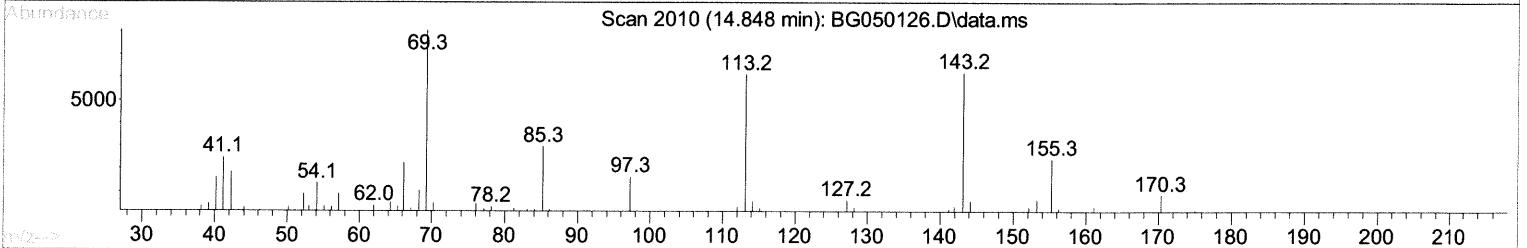
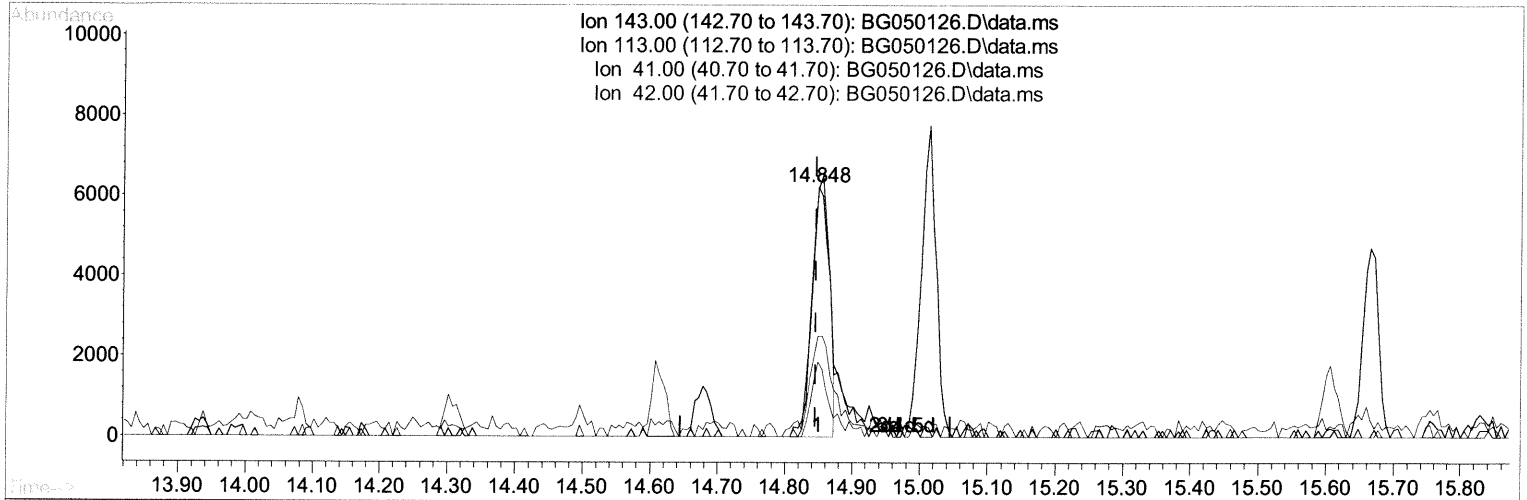
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
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 Sample : M3526-07
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Instrument :
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TIC: BG050126.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.848min (+ 0.003) 12.50 ng/ul

response 11034

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	99.02
41.00	45.30	40.17
42.00	25.60	29.87

Quantitation Report (Qedit)

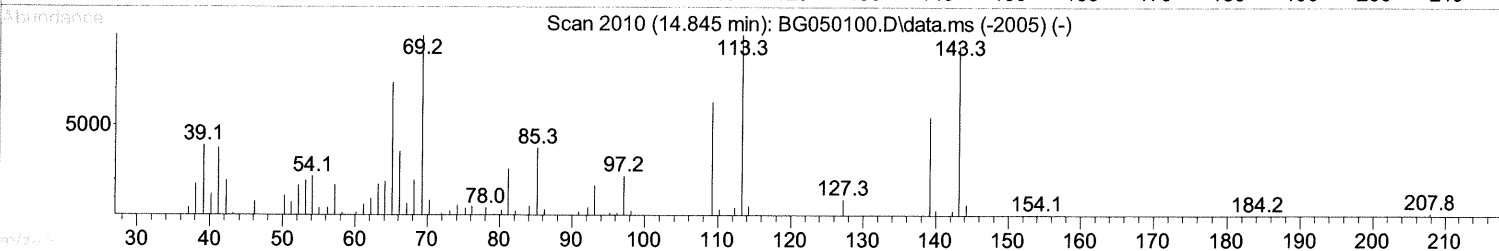
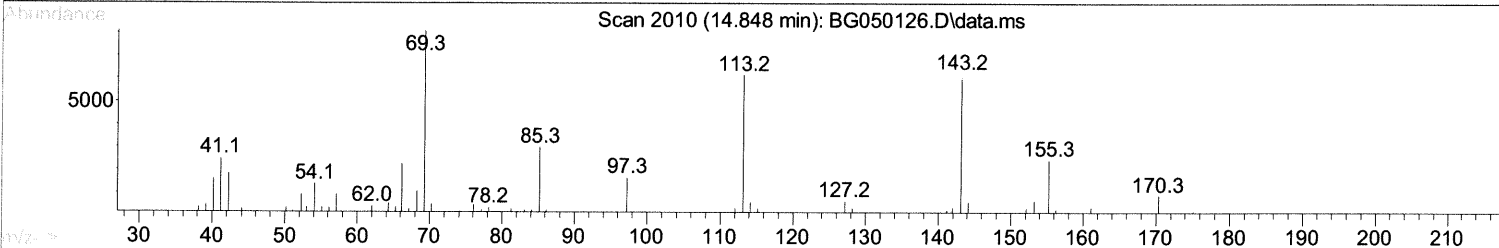
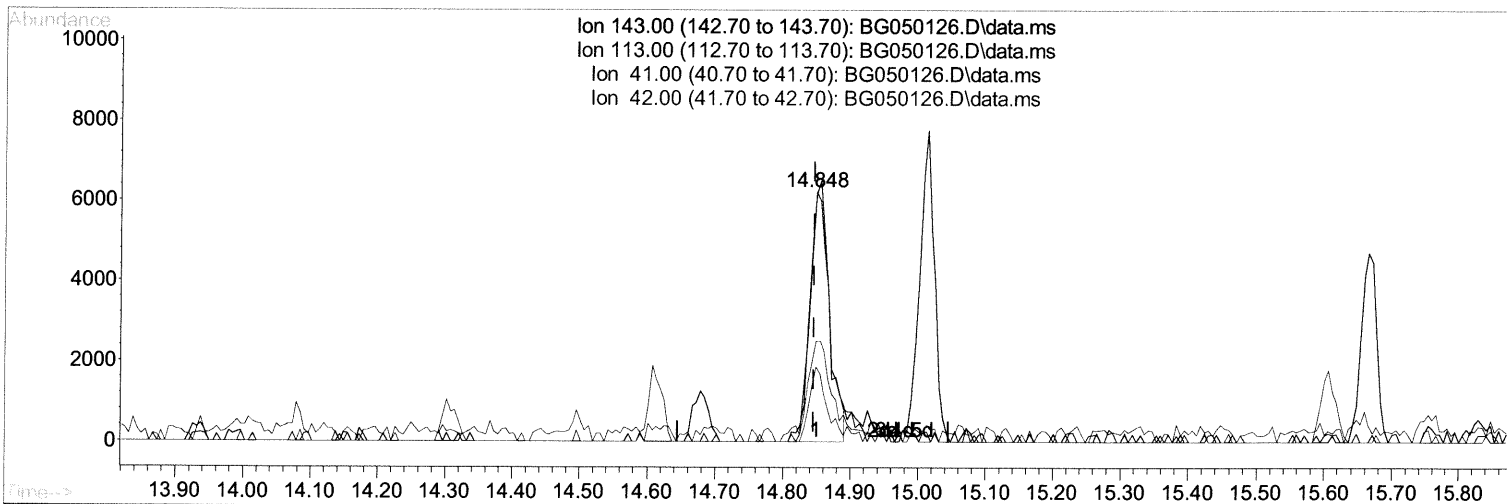
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
 Acq On : 3 Sep 2021 11:28
 Operator : CG/JU
 Sample : M3526-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9

Manual Integrations
 APPROVED

mohammad
 9/3/2021 3:32:54 PM

Quant Time: Sep 03 12:02:55 2021
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TIC: BG050126.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.848min (+ 0.003) 13.95 ng/ul m

response 12312

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	121.00	99.02
41.00	45.30	40.17
42.00	25.60	29.87

249/8/21

Quantitation Report (Qedit)

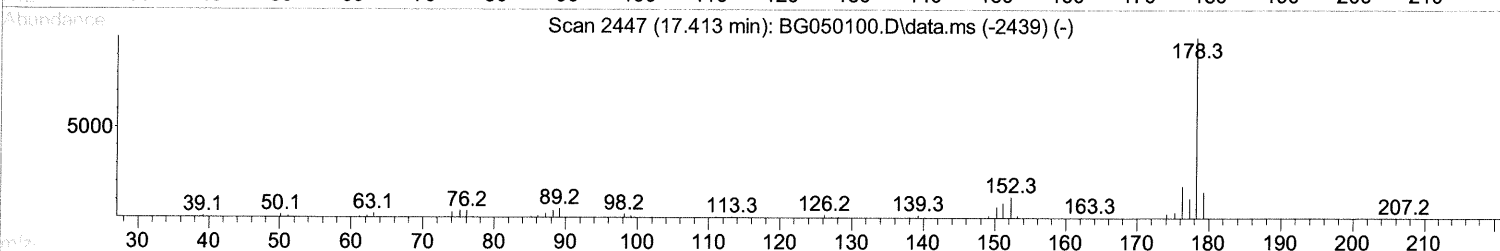
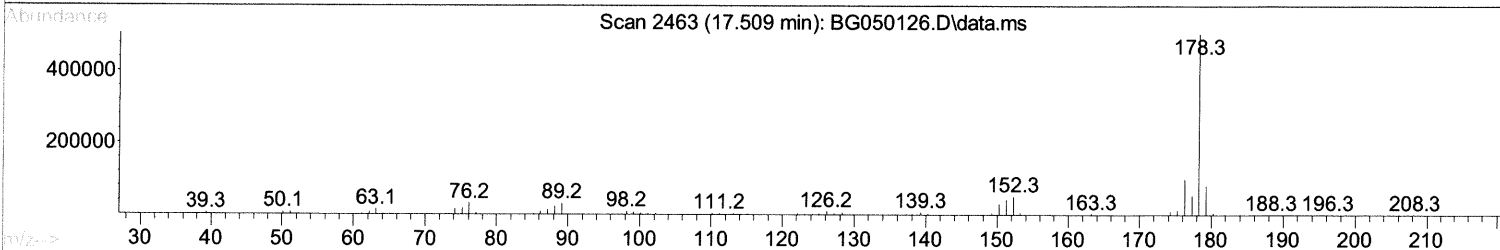
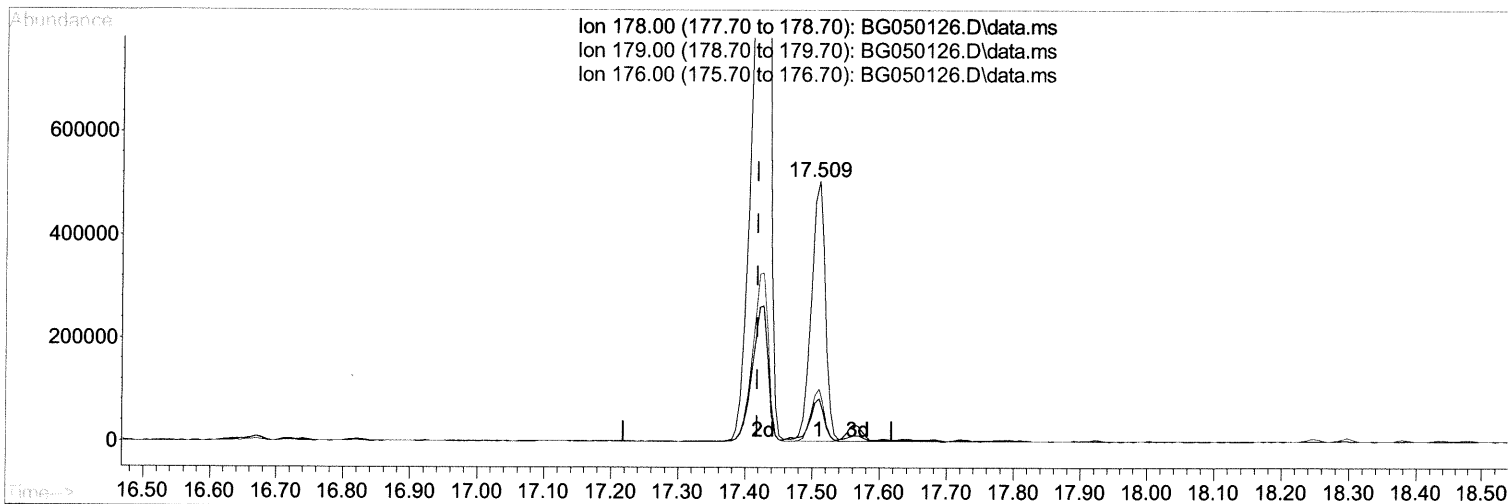
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
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Misc :
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TIC: BG050126.D\data.ms

(72) Phenanthrene

17.509min (+ 0.091) 90.53 ng/ul

response 729178

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.60	16.32
176.00	20.20	20.08
0.00	0.00	0.00

Quantitation Report (Qedit)

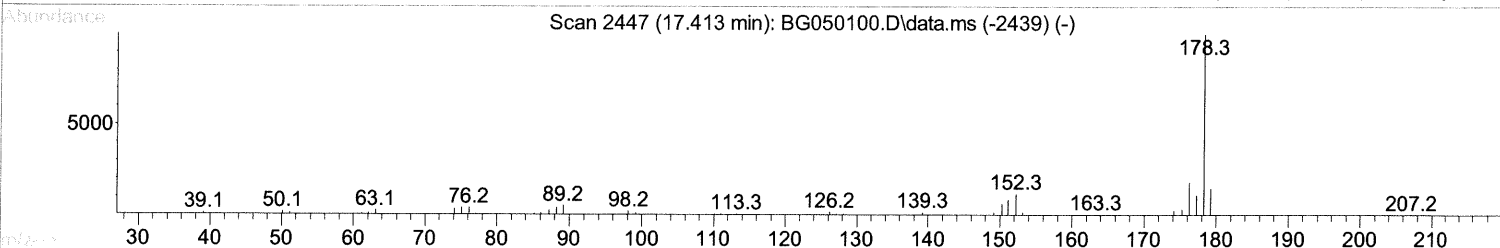
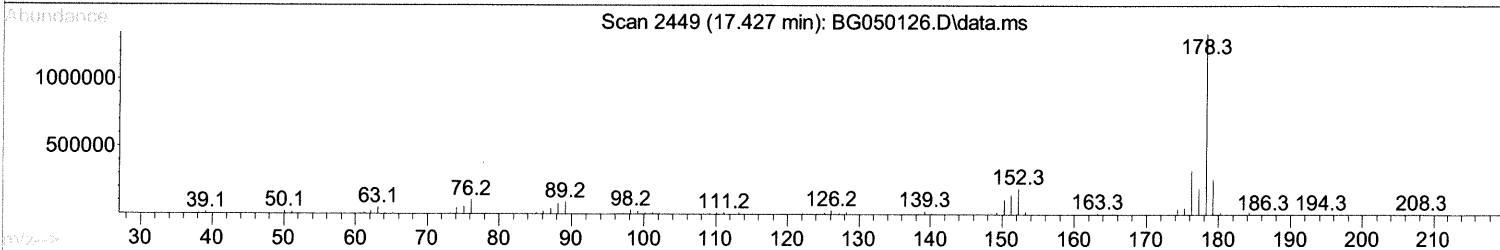
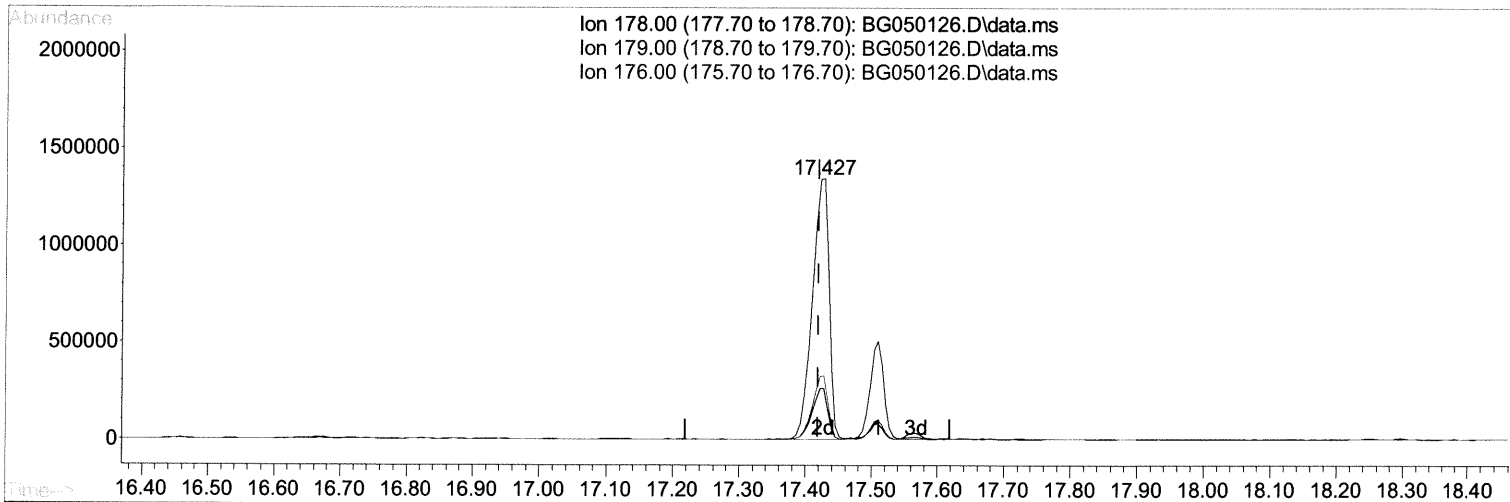
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
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TIC: BG050126.D\data.ms

(72) Phenanthrene

17.427min (+ 0.009) 294.01 ng/ul m

response 2368023

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.60	19.58#
176.00	20.20	24.36#
0.00	0.00	0.00

54 9/8/21

Quantitation Report (Qedit)

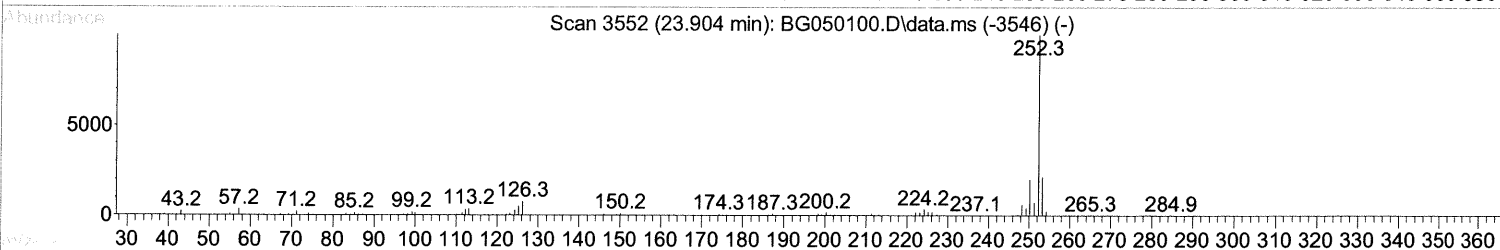
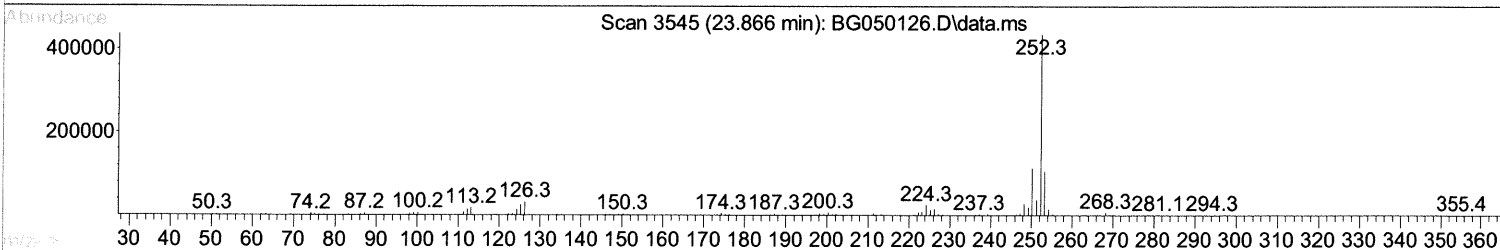
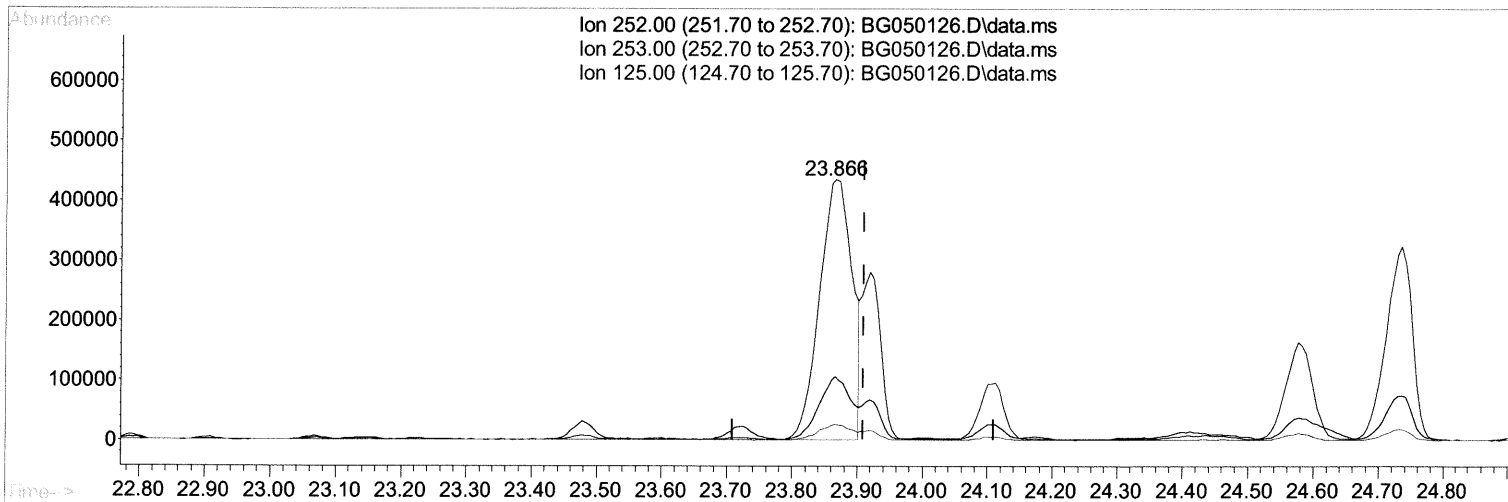
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
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TIC: BG050126.D\data.ms

(91) Benzo(k)fluoranthene

23.866min (-0.044) 147.13 ng/ul

response 1511729

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.33
125.00	5.10	5.96
0.00	0.00	0.00

Quantitation Report (Qedit)

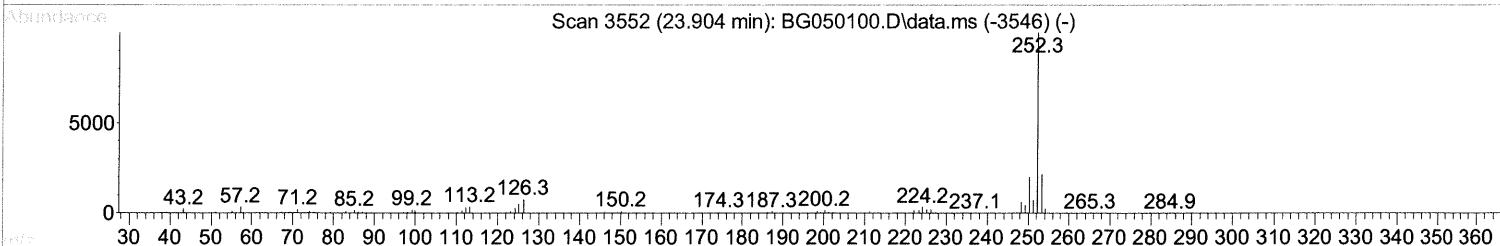
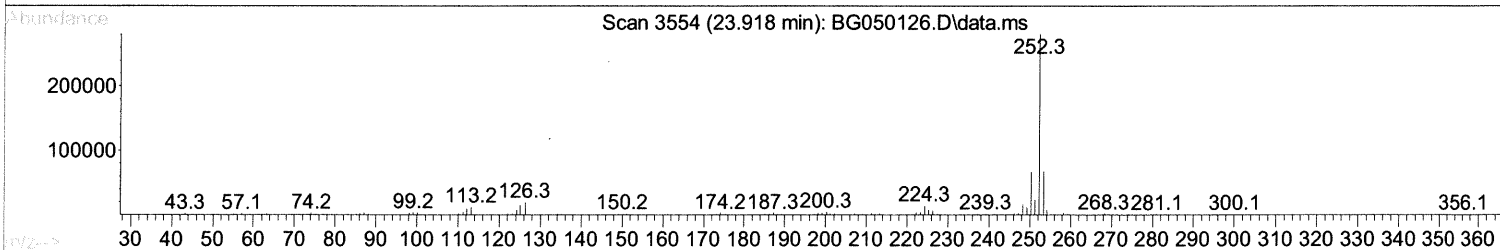
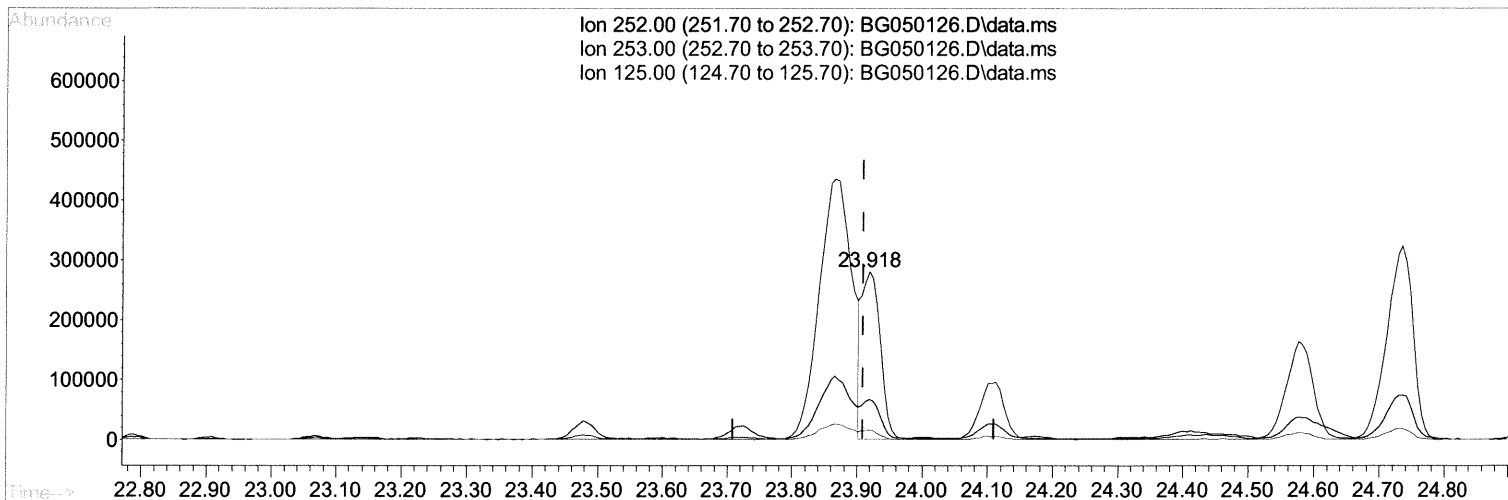
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
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TIC: BG050126.D\data.ms

(91) Benzo(k)fluoranthene

23.918min (+ 0.009) 53.88 ng/ul m

response 553628

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.10	24.02
125.00	5.10	5.59
0.00	0.00	0.00

JU 9/8/21

Quantitation Report (Qedit)

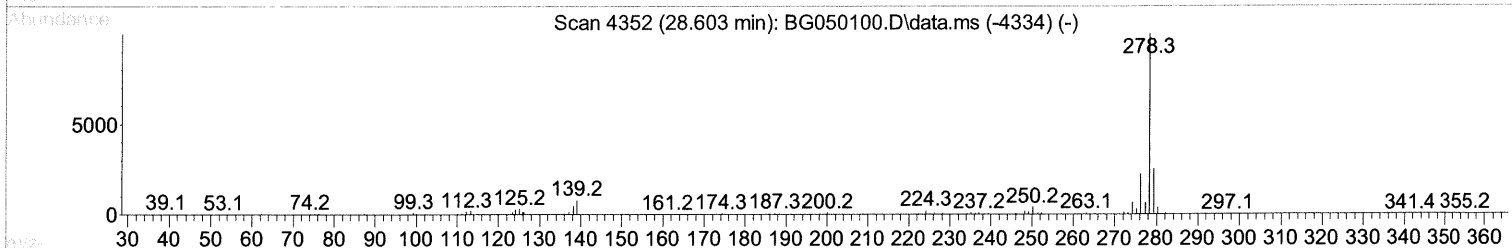
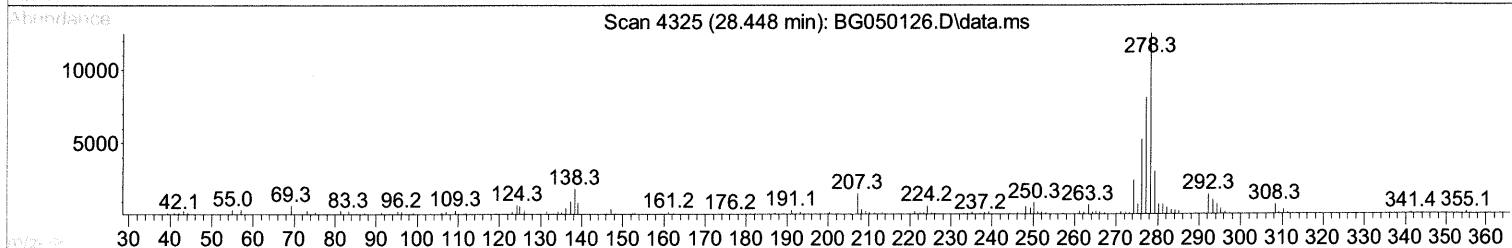
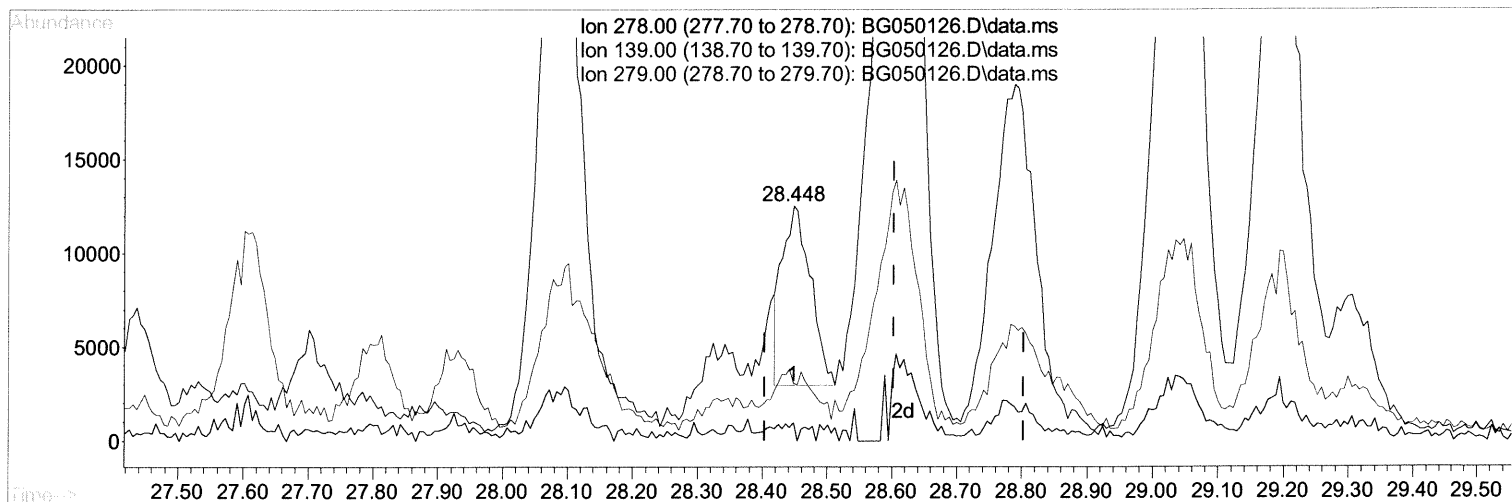
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050126.D
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ALS Vial : 28 Sample Multiplier: 1

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TIC: BG050126.D\data.ms

(95) Dibenzo(a,h)anthracene

28.448min (-0.155) 2.81 ng/ul

response 29177

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	7.66
279.00	23.70	24.56
0.00	0.00	0.00

Quantitation Report (Qedit)

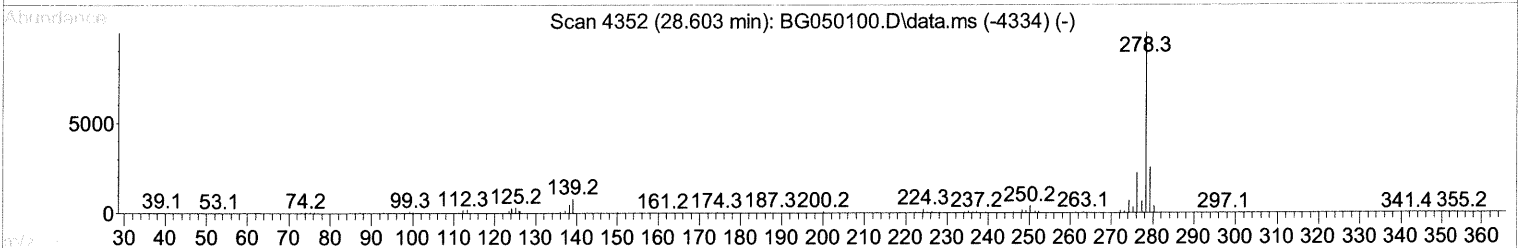
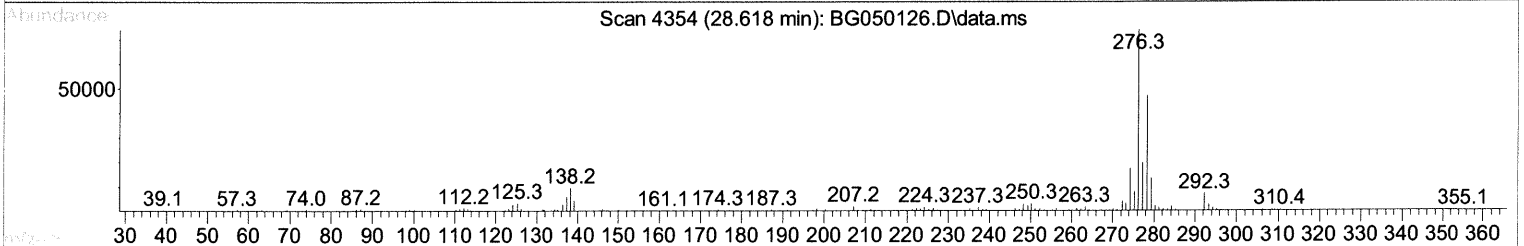
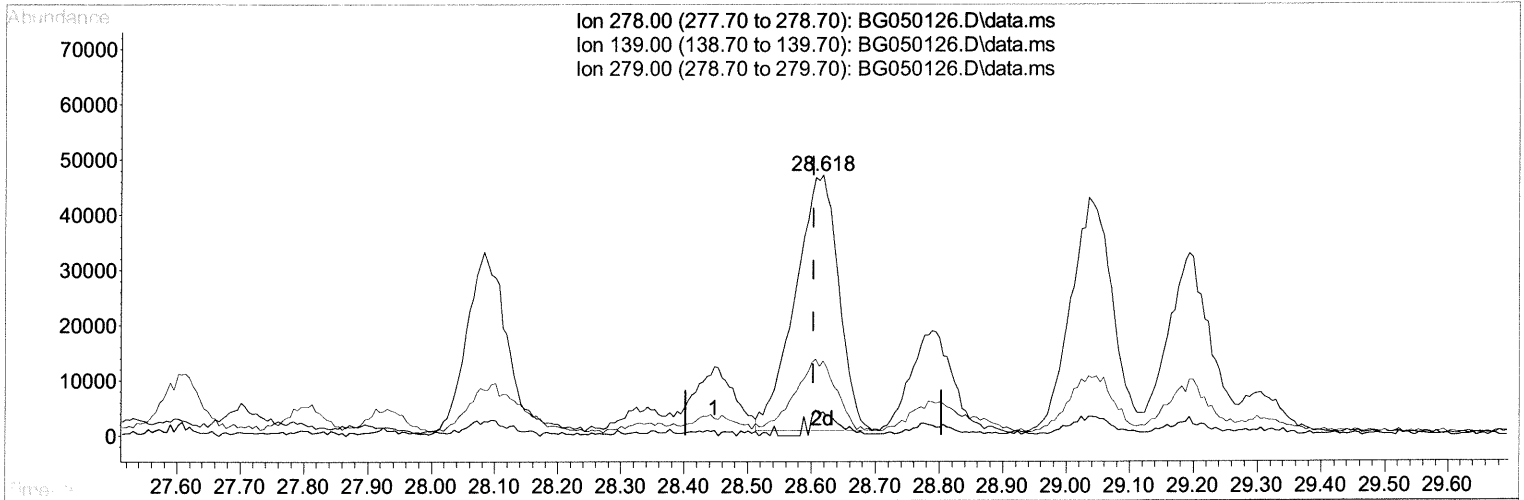
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
 Data File : BG050126.D
 Acq On : 3 Sep 2021 11:28
 Operator : CG/JU
 Sample : M3526-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW7B9

Manual Integrations
 APPROVED

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 9/3/2021 3:32:54 PM

Quant Time: Sep 03 12:02:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 30 14:59:55 2021
 Response via : Initial Calibration



TIC: BG050126.D\data.ms

(95) Dibenzo(a,h)anthracene

28.618min (+ 0.015) 20.99 ng/ul m *24 9/8/21*

response 217605

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	6.50	9.18#
279.00	23.70	28.61#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	29006	20.000	ng/ul	0.00
20) Naphthalene-d8	10.772	136	113292	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.613	164	79710	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	161562	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	153336	20.000	ng/ul	0.00
88) Perylene-d12	24.870	264	168986	20.000	ng/ul	# 0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.299	96	1951m	3.468	ng/ul	-0.01	JY 9/8/21
4) Pyridine-d5	3.752	84	13153m	7.763	ng/ul	0.00	
7) Phenol-d5	7.124	99	40830	16.577	ng/ul	0.00	
9) Bis-(2-Chloroethyl)eth...	7.270	67	25376	18.544	ng/ul	0.00	JY 9/8/21
11) 2-Chlorophenol-d4	7.482	132	30487	16.542	ng/ul	0.00	
15) 4-Methylphenol-d8	8.669	113	30450	15.697	ng/ul	-0.01	
21) Nitrobenzene-d5	9.127	128	18840	21.450	ng/ul	0.00	JY 9/8/21
24) 2-Nitrophenol-d4	9.849	143	18693	17.873	ng/ul	0.00	
28) 2,4-Dichlorophenol-d3	10.401	165	32885	17.629	ng/ul	0.00	
31) 4-Chloroaniline-d4	10.907	131	13824m	5.445	ng/ul	-0.01	JY 9/8/21
46) Dimethylphthalate-d6	14.014	166	108711	17.821	ng/ul	0.00	
49) Acenaphthylene-d8	14.308	160	132697	18.552	ng/ul	0.00	
54) 4-Nitrophenol-d4	14.848	143	12312m	13.950	ng/ul	0.00	JY 9/8/21
60) Fluorene-d10	15.606	176	97143	18.782	ng/ul	0.00	
65) 4,6-Dinitro-2-methylph...	15.753	200	13397	12.889	ng/ul	0.00	
73) Anthracene-d10	17.474	188	140935	19.426	ng/ul	0.00	JY 9/8/21
81) Pyrene-d10	19.765	212	157741	19.037	ng/ul	0.00	
92) Benzo(a)pyrene-d12	24.659	264	138537	15.453	ng/ul	0.00	

Target Compounds

						Qvalue
30) Naphthalene	10.824	128	124830	22.044	ng/ul	96
36) 2-Methylnaphthalene	12.434	142	49009	11.643	ng/ul	96
37) 1-Methylnaphthalene	12.651	142	42080	9.904	ng/ul	94
43) 1,1'-Biphenyl	13.444	154	9500	1.706	ng/ul	97
52) Acenaphthene	14.678	153	163800	34.541	ng/ul	99
56) Dibenzofuran	15.013	168	166943	25.421	ng/ul	99
61) Fluorene	15.665	166	286941	51.789	ng/ul	97
72) Phenanthrene	17.427	178	2368023m	294.007	ng/ul	97
74) Anthracene	17.509	178	729178	89.338	ng/ul#	92
77) Carbazole	17.774	167	157910	21.742	ng/ul	96
80) Fluoranthene	19.442	202	2771199	271.020	ng/ul#	89
82) Pyrene	19.801	202	2117522	208.989	ng/ul#	93
85) Benzo(a)anthracene	21.633	228	1504396	157.456	ng/ul	93
86) Bis(2-ethylhexyl)phtha...	21.516	149	9475	1.726	ng/ul#	74
87) Chrysene	21.704	228	1150983	127.438	ng/ul	94
90) Benzo(b)fluoranthene	23.866	252	1511729	139.853	ng/ul#	96
91) Benzo(k)fluoranthene	23.918	252	553628m	53.882	ng/ul	97
93) Benzo(a)pyrene	24.735	252	895728	95.417	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.589	276	624127	50.401	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.618	278	217605m	20.991	ng/ul	96
96) Benzo(g,h,i)perylene	29.711	276	60144	5.777	ng/ul	96

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Manual Integrations
APPROVED

mohammad
9/3/2021 3:32:54 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						